



## Safety Data Sheet

Product Name: 991A00  
Version: 3  
Date of Preparation: 05/28/15

### Section 1. Identification

**Product Name:** 991A00

**Recommended use:** Abrasive product

**Restrictions on use:** None identified

**Manufacturer Name:** Starcke Abrasives USA, Inc.  
**Address:** 9109 Forsyth Park Drive  
Charlotte, NC 28273  
**Telephone number:** +1 (704) 583 3338  
**E-Mail:** sds@starckeusa.com

**Emergency phone number:** +1 (704) 583 3338  
Mon-Fri 8:00 am-5:00pm

**Date of Preparation:** 05/28/15

### Section 2. Hazard(s) Identification

**Classification:** Not classified as hazardous

**Label Elements:**

Not Hazardous in accordance with the Globally Harmonized System for the Classification and Labeling of Chemicals (GHS)

**Supplemental Labeling:** Prolonged exposure to elevated noise levels during operations may affect hearing. A greater hazard, in most cases, is the exposure to the dust/fumes from the material or paint/coatings being processed. Most of the dust generated during abrasive processing is from the base material or coatings and the potential hazard from this exposure must be evaluated.

### Section 3. Composition / Information on Ingredients

Chemical name	CAS No.	Concentration
Silicon Carbide	409-21-2	5-40 %
Cured Resin	Mixture	3-30 %
Backing	Mixture	40-90 %

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

90% of the mixture consists of ingredient(s) of unknown acute toxicity.

### Section 4. First-Aid Measures

**Eyes:** Remove contact lenses if present and easy to do. Flush eyes thoroughly with large amounts of water, holding eyelids open. If irritation persists, seek medical attention.

**Skin:** Wash skin with soap and water. If irritation or other symptoms develop, seek medical attention.

**Ingestion:** Do not induce vomiting. Rinse mouth with water. Seek medical attention if large amount is swallowed or if you feel unwell.

**Inhalation:** Move person to fresh air. If breathing is difficult, have qualified personnel administer oxygen. Seek medical attention if irritation or other symptoms persist.

**Most important symptoms/effects, acute and delayed:** Dust may cause eye and respiratory irritation. Prolonged inhalation of high concentration of dust may cause adverse effects on the lungs. Exposure to dust generated from processing the base material or coatings may present additional health hazards.

**Indication of immediate medical attention and special treatment, if necessary:** Immediate medical attention should not be required.

### Section 5. Fire-Fighting Measures

**Suitable (and unsuitable) extinguishing media:** Use any media that is suitable for the surrounding fire. Do not use water on fires involving metals dusts. Use an appropriate dry powder.

**Specific hazards arising from the chemical:** This product is not flammable or combustible; however, consideration must be given to the potential fire/explosion hazards from the base material being processed. Many materials create flammable/explosive dusts or turnings when machined or ground.

**Special protective equipment and precautions for fire-fighters:** Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus.

### Section 6. Accidental Release Measures

**Personal precautions, protective equipment, and emergency procedures:** Wear appropriate respirator and protective clothing as needed to avoid eye contact and inhalation of dust.

**Environmental precautions:** Avoid contamination of water supplies and environmental releases. Report spills as required to authorities.

**Methods and materials for containment and cleaning up:** Carefully collect dry material, avoiding the creation of airborne dust. Place in a suitable container for disposal.

### Section 7. Handling and Storage

**Precautions for safe handling:** For industrial or professional use only. Avoid breathing dust. Use with adequate ventilation. Avoid eye and skin contact with grinding dust. Wear suitable gloves, eye protection and appropriate protective clothing according to the operation. Wash thoroughly after handling. Consider potential exposure to components of the base materials or coatings being ground. Refer to OSHA's substance specific standards for additional work practice requirements where applicable.

Most of the dust generated during abrasive processing is from the base material or coatings and the potential hazard from this exposure must be evaluated. This dust may present a fire or dust explosion hazard and may present a serious health hazard.

**Conditions for safe storage, including any incompatibilities:** No special storage required.

### Section 8. Exposure Controls / Personal Protection

**Exposure guidelines:**

Ingredient	CAS No.		
Silicon Carbide Mineral	409-21-1	3 mg/m <sup>3</sup>	TWA (respirable) OSHA
		10 mg/m <sup>3</sup>	TWA (total dust) OSHA

Note: Consider also components of base materials and coatings being ground.

**Appropriate engineering controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

**Personal Protective Equipment:**

**Respiratory protection:** Not necessary unless workplace concentrations of hazardous constituents exceed the exposure limits. If the exposure levels are excessive and irritation or other symptoms are experienced, an approved respirator should be worn. Consider the potential for exposure to components of the coatings or base material being ground in selecting proper respiratory protection. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134 and ANSI Z88.2 or other applicable regulations and standards and good Industrial Hygiene practice.

**Skin protection:** Protective gloves recommended to avoid skin abrasion when handling. Wear protective clothing as required to avoid skin contact when handling.

**Eye protection:** Use safety glasses with side shields or goggles.

**Other:** Hearing protection recommended if operation is noisy.

**Section 9. Physical and Chemical Properties**

**Appearance:** Solid

**Odor:** No odor.

<b>Odor threshold:</b> Not available	<b>pH:</b> Not applicable
<b>Melting point/freezing point:</b> Not available	<b>Boiling point:</b> Not available
<b>Flash point:</b> Not flammable	<b>Evaporation rate:</b> Not applicable
<b>Flammability (solid, gas):</b> Not flammable	
<b>Flammable limits: LEL:</b> Not applicable	<b>UEL:</b> Not applicable
<b>Vapor pressure:</b> Not available	<b>Vapor density:</b> Not applicable
<b>Relative density:</b> Not available	<b>Solubility in Water:</b> Insoluble
<b>Partition coefficient: n-octanol/water:</b> Not applicable	<b>Auto-ignition temperature:</b> Not applicable
<b>Decomposition temperature:</b> Not available	<b>Viscosity:</b> Not applicable

**Section 10. Stability and Reactivity**

**Reactivity:** Not reactive under normal conditions of use and storage.

**Chemical stability:** Stable

**Possibility of hazardous reactions:** None known.

**Conditions to avoid:** None known.

**Incompatible materials:** None known.

**Hazardous decomposition products:** None known. Dust from grinding could contain potentially hazardous components of the base material being ground or coatings applied to the base material.